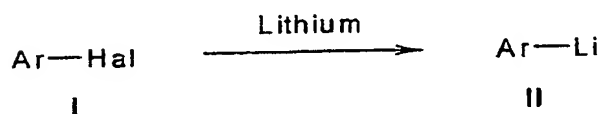


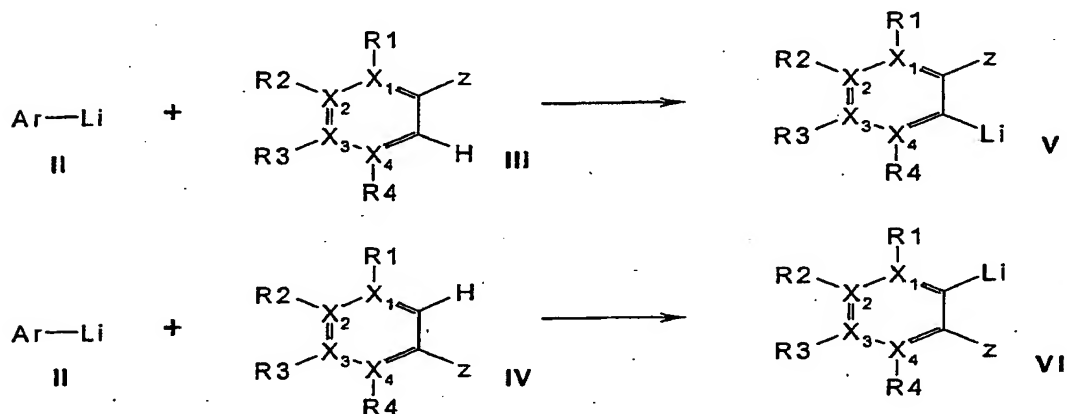
This listing of claims will replace all prior versions, and listings of claims in the application:

1.(Currently Amended) A process for preparing compounds of the formulae (VII) and (VIII) via aryllithium compounds of the formulae (V) and (VI) and reaction of these with suitable electrophiles, aryl halides of the formula (I) are reacted with lithium metal to generate a lithium compound (II), this is used for deprotonating the aromatic substrate (III) or (IV), and is finally converted by addition of the electrophilic component into the target compound of the formula (VII) or (VIII) (equation 1), and the steps 1 to 3 are carried out as a one-pot reaction,

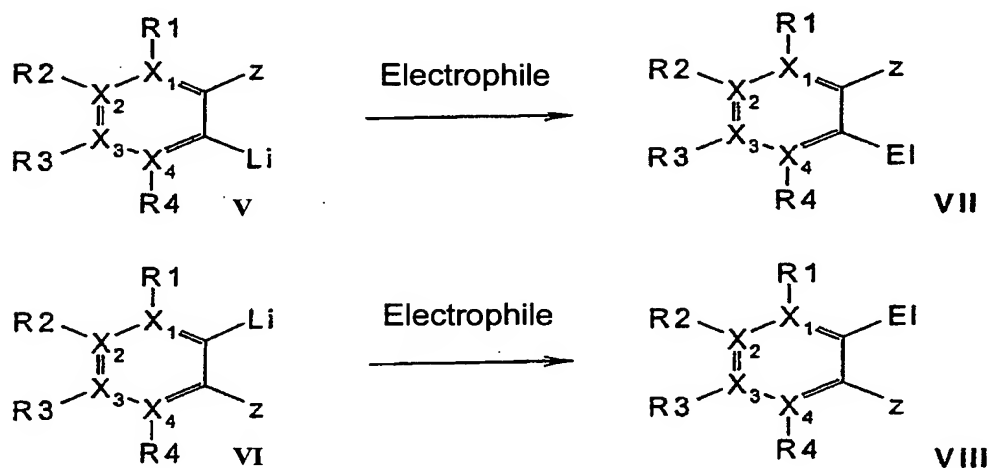
Step 1: Generation of the base



Step 2: Deprotonation of the substrate



Step 3: Reaction of the aryllithium compound with an electrophile



where Ar is phenyl, alkyl-substituted phenyl, fluorine- or chlorine-substituted phenyl, naphthyl-, alkyl-substituted naphthyl or is biphenyl,

Hal [=] is a halogen selected from the group consisting of fluorine, chlorine, bromine, [or] iodine, and mixtures thereof,

the radicals X_{1-4} are, independently of one another, either carbon, X_iR_i ($i = 1-4$) can symbolize nitrogen, or two radicals X_iR_i which are adjacent or connected via a formal double bond can together be O (furans), S (thiophenes), NH or NR_i (pyrroles),

Z is, in the case of benzoidal aromatics, a group which activates the ortho position, for example CF_3 , OCF_3 , Cl, F, Oalkyl, Oaryl, Salkyl, Saryl, CH_2OH , CH_2OR , $CH(OR)_2$, $CONR_2$, NHR , NR_2 , or in the case of heterocycles has the same meaning as R_{1-4} ,

the radicals R_{1-4} are substituents selected from the group consisting of

hydrogen, methyl, primary, secondary or tertiary, cyclic or acyclic alkyl radicals having from 2 to 12 carbon atoms, substituted cyclic or acyclic alkyl groups, alkoxy, dialkylamino, alkylamino, arylamino, diarylamino, phenyl, substituted phenyl, alkylthio, diarylphosphino, dialkylphosphino, dialkylaminocarbonyl or diarylaminocarbonyl, monoalkylaminocarbonyl or monoarylaminocarbonyl, CO₂alkyl, CO₂⁻, 1-hydroxyalkyl, 1-alkoxyalkyl, fluorine or chlorine, CN or heteroaryl, where two adjacent radicals R₁₋₄ can together correspond to a fused-on aromatic or aliphatic ring,

and "Electrophile" wherein the electrophile is any electrophilic component which can be reacted with aryllithium compounds.

2.(Currently Amended) The process as claimed in claim 1, wherein the compounds of the formula (III) or (IV) are selected from the group consisting of benzenes, furans, thiophenes, pyridines, pyridazines, pyrimidines, pyrazines, N-substituted pyrroles, benzofurans, indoles, [[and]] naphthalenes, and mixtures thereof.

3.(Currently Amended) The process as claimed in claim 1 [[or 2]], characterized in that the electrophile [[used]] is a compound selected from the group consisting of following group: oxirane, substituted oxirane, azomethine, aryl or alkyl cyanate, nitroenolate, immonium salts, haloaromatics, aryl triflates, other aryl sulfonates, carbon dioxide, carbon monoxide, aldehydes, ketones, α,β-

unsaturated aldehydes or ketones, ketenes, alkali metal or alkaline earth metal salts of carboxylic acids, aliphatic nitriles, aromatic nitriles, amides, esters and alkylating agents and boron electrophiles of the formula BW_3 , where the radicals W are identical or different and are each C_1 - C_6 -alkoxy, fluorine, chlorine, bromine, iodine, $N(C_1-C_6\text{-alkyl})_2$ or $S(C_1-C_5\text{-alkyl})$, and silicon electrophiles of the formula SiW_4 , where the radicals W are identical or different and are each C_1 - C_6 -alkoxy, fluorine, chlorine, bromine, iodine, $N(C_1-C_6\text{-alkyl})_2$ or $S(C_1-C_5\text{-alkyl})$, and mixtures thereof.

4.(Currently Amended) The process of claim 1 ~~as claimed in at least one of the preceding claims~~, characterized in that the reaction is carried out in an organic ether solvent.

5.(Currently Amended) The process of claim 1 ~~as claimed in at least one of the preceding claims~~, characterized in that the wherein said process is carried out at a reaction temperature ~~[[is]] in [[the]] a range from -100 to +35°C.~~

6.(Currently Amended) The process ~~as claimed in at least one of the preceding claims~~, characterized in that the concentrations of of claim 1, wherein the aromatic intermediates of the formula (II) or (IV) ~~[[are]]~~ are present in a concentration in ~~[[the]]~~ a range from 5 to 30% by weight.

7.(Currently Amended) The process ~~as claimed in at least one of the preceding~~
~~claims, characterized in that the amount of~~ of claim 1, wherein the lithium
metal is added in an amount per mole of halogen reacted ~~[[is]]~~ ranging from
1.95 to 2.5 mol.

8.(Currently Amended) The process of claim 1, further comprising adding as
~~claimed in at least one of the preceding claims, characterized in that~~ organic
~~redox systems are added to the~~ one pot reaction ~~mixture, preferably in~~
~~amounts of < 0.5 mol%.~~

9.(New) The process of claim 8, wherein an amount of said
organic redox system added is less than 0.5 mol-%.